

Application Serial No. 10/564,938  
Amendment

PATENT  
Docket: CU-4652

### REMARKS

The Applicant respectfully requests reconsideration.

In the Office Action, the Examiner indicated that claims 71-77 are rejected. The Applicant submits that the rejections are rendered moot by amendment.

In the drawings, please replace Figures 1-15 with the drawings on Replacement Sheets 1-22, depicting amended Figures 1-15. No new matter has been added. The Replacement Sheets containing the amended Figures can be found in an Appendix after the last page of this paper. No new matter has been added. In fact, one previously filed Replacement sheet previously labeled "REPLACEMENT SHEET 4/23" has been removed, removing a redundancy in the Figures, thereby overcoming the objection to the claims on page 2 of the office action. The amendments to the drawings can be viewed in the Amendments section on page 2.

In the claims, please cancel claims 71-77. In the Claims, please newly add claims 78-84. Support for these new claims can be found in the original disclosure.

For example, see support for newly claims 78-84 as follows:

78. A method for analysis of molecules in a sample comprising the steps of
- a) providing a device to be used in MALDI for combined sample treatment and sample carrying, wherein the device comprises of a plate with inlets at one side connected to respective compartments situated at respective array positions for receiving samples to be treated and analysed, **support can be found in old claim 1 in the published PCT application as well as in the application on page 13 line 15-, wherein MALDI is discussed wherein each compartment is in communication with an outlet enabling fluid flow through the compartment from inlet to outlet see fig 1 and old claim 1 in**

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**the published PCT application** wherein the respective outlet comprises restriction apertures selected from the group consisting of a permeable membrane **page 17 line 8**, a grid **page 16 line 1-6** and a heel **page 16 line 8-9** wherein the outlet is arranged at the other side of the plate opposite the inlet **page 15 line 7-11 and fig 1**, and wherein the respective compartment is formed between the inlet and the outlet **page 15 line 27-35 and fig 2** and an analysis zone is arranged at the outer surface of each outlet, **page 13 line 15 saying "elution of the captured biomolecule onto the analysis zone" amd line 29-33 and page 24 line 14-17 and fig 8 ref 805.**

- b) adding a capturing medium and a sample containing a molecule to one inlet wherein the capturing medium has affinity for the molecule in the sample;
- c) allowing the capturing medium and said sample containing a molecule to enter said compartment;
- d) capturing said molecule in said compartment on the capturing medium producing a sample without the molecule at the same time;
- e) allowing the sample without the molecule to exit the outlet,
- f) adding a washing solution to said inlet and allowing said washing solution to enter said compartment;
- g) washing away undesired components in said compartment;
- h) allowing the washing solution comprising the undesired components to exit the outlet,
- i) eluting said molecule from said compartment; and
- j) drying said molecule in said analysis zone prior to being analysed by MALDI.

Moreover, claim 79 finds support old claim 72. Claim 80 finds support in claim 73. Claim 81 finds support in claim 75. Claim 82 finds support in claim 76. Claim 83 finds support page 13 line 15-21 of the original disclosure. Claim 84 finds support in claim 77. No new matter has been added. The amendments to the claims can be viewed in the Amendments section of this paper beginning on page 3 in the Listing of claims.

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In the Office Action on page 2, the Examiner objected to the drawings. In response, the Applicant has submitted amended drawings on Replacement sheets. The Applicant believes that the amended drawings are fully responsive to the Examiner's objection and respectfully requests that the Examiner withdraw this objection to the drawings.

Finally, the claims are rejected under 35 U.S.C. §112, first paragraph. The claims have been cancelled herein rendering the rejection moot. The claims are also rejected under 35 U.S.C. §101. The Applicant respectfully requests that the Examiner withdraw these rejections of the claims as the amendment to the claims overcomes the rejections. Rather, the Applicant has provided herewith new claims 78-84 which the Applicant submits are clear, novel and non-obvious.

The Applicant respectfully submits that this paper is fully responsive to the Office Action dated April 4, 2011. The Applicant respectfully requests that the Examiner enter the amendments and the Replacement Sheets into the record. The Applicant submits that the claims are in condition for allowance and respectfully requests favorable consideration.

Respectfully Submitted,



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